



Getting Started with Dashboards

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AGENDA

Part 1: Getting Ready

1. Refresher on Web Maps and Apps
2. Getting your Web Map Ready
3. Use Survey123 to gather data for your Dashboard
4. Launch your Dashboards

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4

4

Part 2: Adding Elements

5. Format your map
6. Add a Header
7. Indicators
8. Gauges
9. Lists
10. Pie Charts
11. Serial Charts

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Part 3: Adding some Action

12. Add a Sidebar
13. Activate your selectors
14. Activate your list
15. Activate your map



23

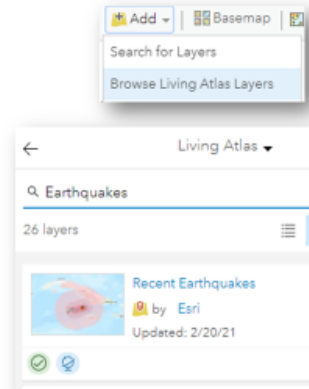
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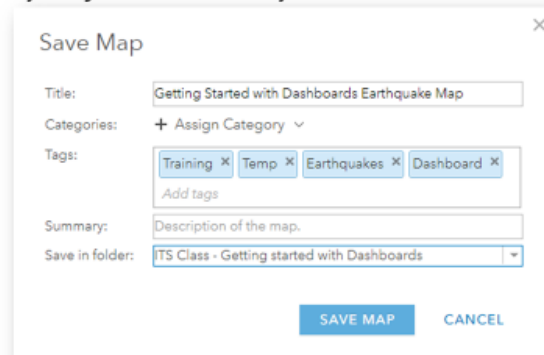
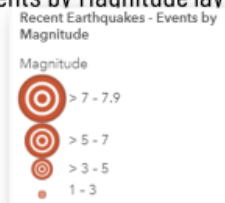
2. Getting your Web Map Ready

- 1 Open ArcGIS Online and log in (hint: open www.arcgis.com in a browser – Chrome or Firefox preferred)
- 2 Click on  along the top of the screen to create a new map
- 3 Click on  and choose "Browse Living Atlas Layers"
- 4 Search for Earthquakes and then add the "Recent Earthquakes" layer



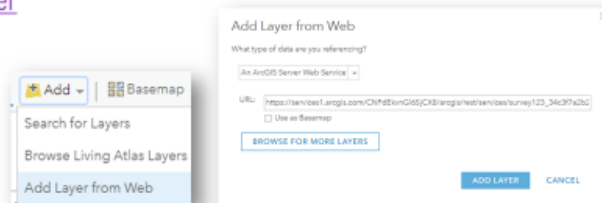
2. Getting your Web Map Ready

- 5 Pick a Basemap you like. Symbolize the Recent Earthquakes layer by Magnitude (larger quakes, bigger circle)
- 7 Label the points by Magnitude. Fiddle with the visibility range of the labels so you can read them when zoomed in.
- 8 Save your map
- 9 Open the table for the Events by Magnitude layer



3. Using Survey123 to Gather data for your Dashboard?

- 1 Dashboards are also a great way to display Survey123 results. Save your map in ArcGIS Online and leave it open for later.
- 2 Open this survey: <https://survey123.arcgis.com/share/34c3f7a2b27649f7b59c534e0de20eed>. Fill out and submit a survey. It's a dummy survey, so you can make up information
- 3 Back in your map in ArcGIS Online click on Add Data > from Web > https://services1.arcgis.com/CNPdEkvnGl65jCX8/arcgis/rest/services/survey123_34c3f7a2b27649f7b59c534e0de20eed_stakeholder/FeatureServer



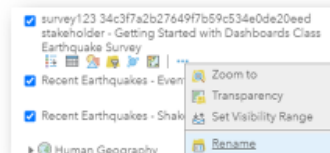
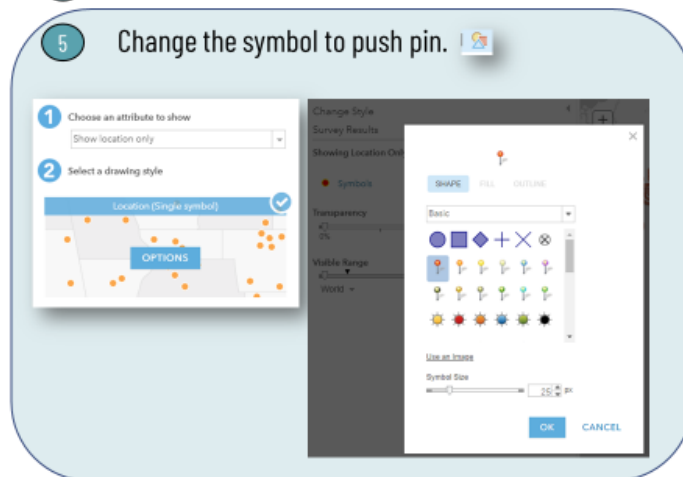
Survey: <https://survey123.arcgis.com/share/34c3f7a2b27649f7b59c534e0de20eed>

Link to survey results:

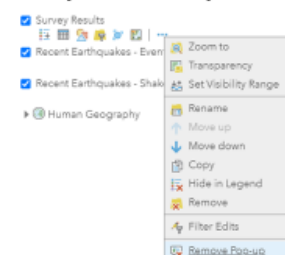
https://services1.arcgis.com/CNPdEkvnGl65jCX8/arcgis/rest/services/survey123_34c3f7a2b27649f7b59c534e0de20eed_stakeholder/FeatureServer

3. Using Survey123 to Gather data for your Dashboard?

- 4 Rename your layer to Survey Results.
- 5 Change the symbol to push pin.



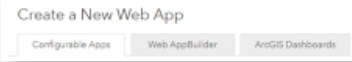
- 6 Hide Pop-Ups for the Survey Results Layer and save your map



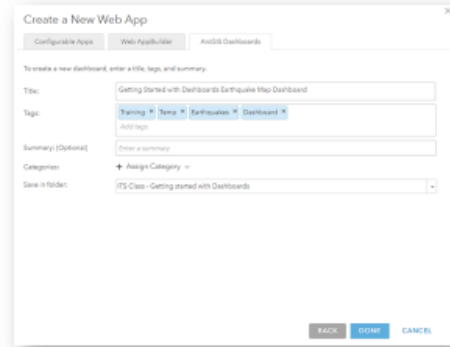
4. Launch your Dashboard

- 1 Click on  Share
- 2 Check all the people/groups you want to share your map and dashboard with. Then click on 

- 3 Click on the ArcGIS Dashboards tab



- 4 Edit information and click DONE

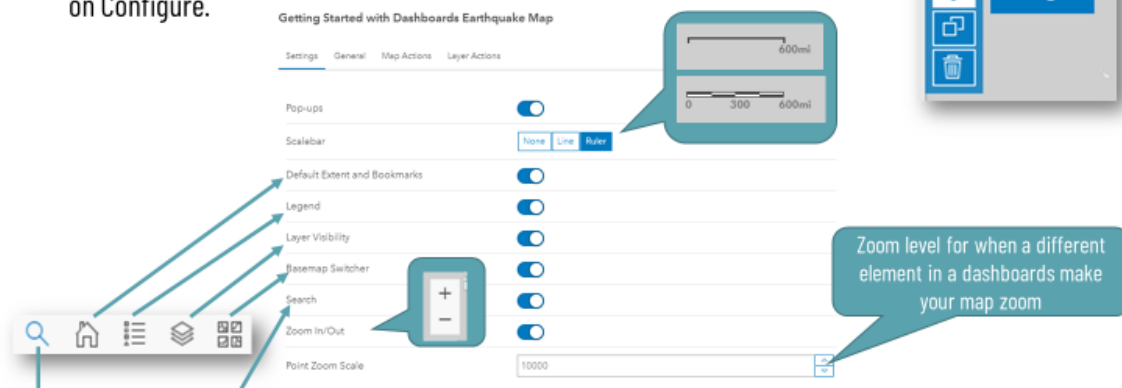


5. Format your Map

Dashboard Elements Documentation:

<https://doc.arcgis.com/en/dashboards/get-started/map-element-and-tools.htm>

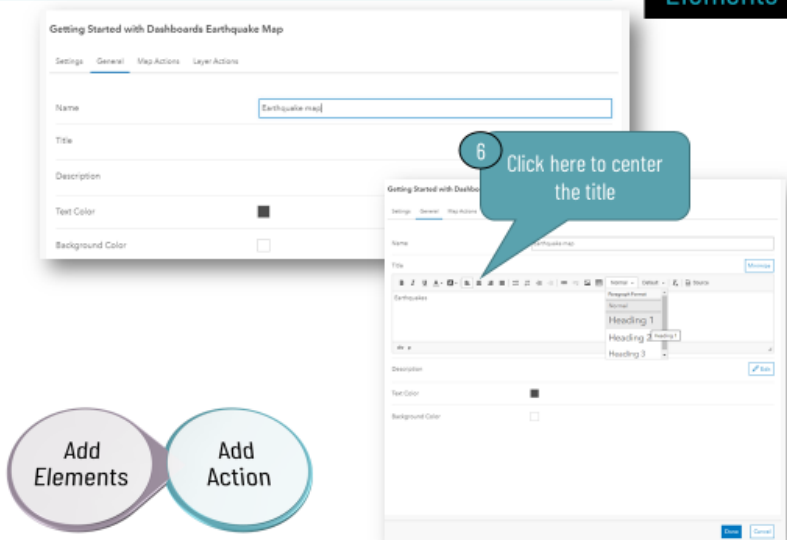
- 1 Hover in the top-left corner of the map on the Dashboard until you see a blue handle. Hovering over that handle will show you the context menu for the map element on the dashboard. Click on Configure.
- 2



5. Format your Map

- 3 Click on the General tab and name your map
- 4 Click on Edit to edit the title. Set the title to "Earthquakes". Click on the drop-down to the right of "Normal" and choose Heading 1.
- 5 Click Done

We will look at Map Actions and Layer Actions once we have more elements on our Dashboard

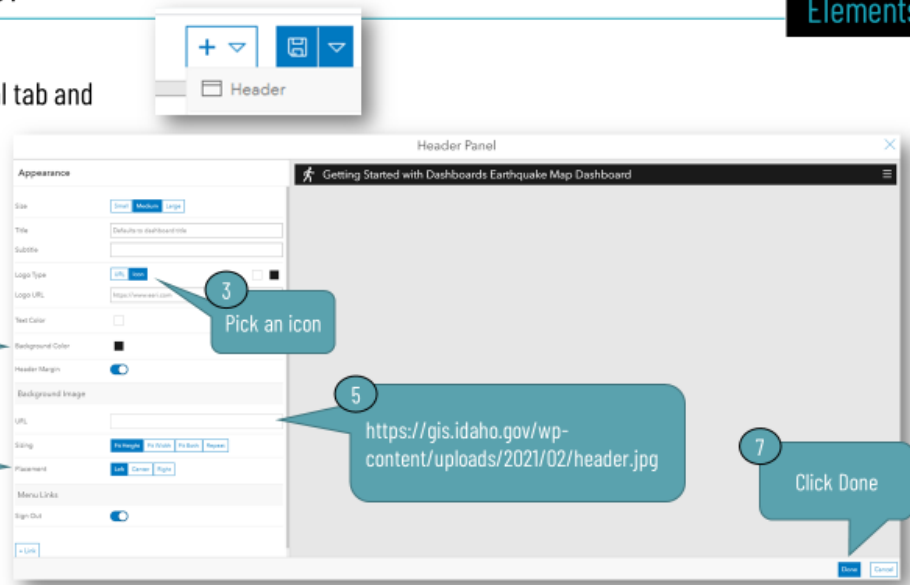


6. Add a Header

- 1 Click on the General tab and name your map
- 2 Note your options

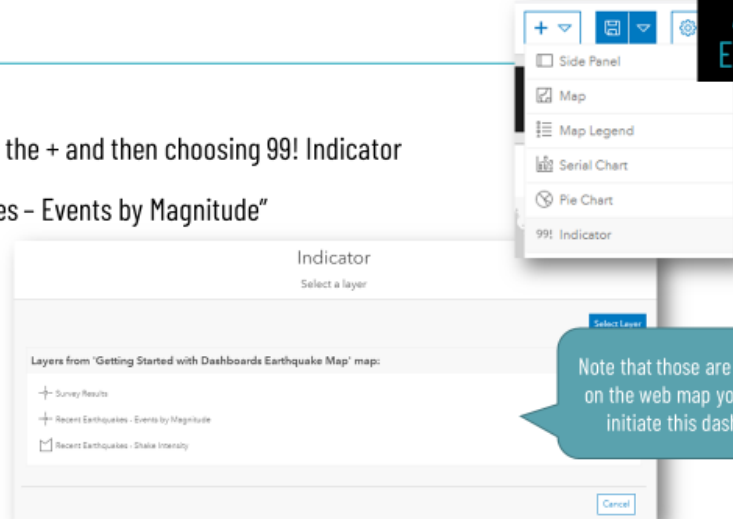
4 Pick a background color

6 Set placement to Right



7. Indicators

- 1 Add an indicator by click on the + and then choosing 99! Indicator
- 2 Click on "Recent Earthquakes - Events by Magnitude"
- 3 Click [Show data table](#)



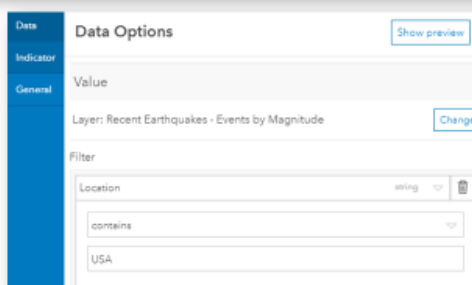
Note that those are the layers on the web map you used to initiate this dashboard

7. Indicators

Event ID	Magnitude	Event Type	Significance	Alert Level	Location
us7000cbe	6.3	earthquake	620	GREEN	12 km W of San Antonio de los Baños, Argentina
us7000cbv	6.4	earthquake	630	GREEN	88 km SSE of Sovetskaya Gavan, Russia
us7000civ	6.4	earthquake	638	GREEN	44 km SSE of Nikolski, Alaska, USA

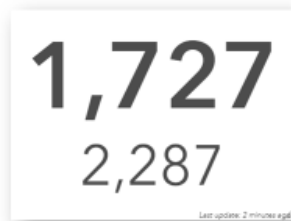
Note that the Location field lists the Country name. We can use this to filter the data and only count the earthquakes in the USA

- 4 Make sure you are on the Data Tab
- 5 Click on [Filter](#)
- 6 Set the filter so that the Location contains USA



7. Indicators

- 7 Still on the Data tab – click the drop-down next to reference type and choose statistic
- 8 Set the Statistic to Count – note that we are not setting a filter, so the count is for all earthquakes, not just the ones in the USA



Reference	
Reference Type	Statistic
Layer: Recent Earthquakes - Events by Magnitude	Change
Filter	+ Filter
Statistic	Count
Reference Conversion	<input type="checkbox"/>

7. Indicators

- 9 Go to the Indicator Tab. Complete as shown on the right.

- 10 Click on left and pick an icon you like



Note "Last update". This is misleading. It refers to when data was refreshed, not when latest earthquakes were added to the data

Indicator Options	
Conditional Formatting	<input type="checkbox"/>
Top Text	Fields: [] [] []
Middle Text	[value]
Bottom Text	[reference] Earthquakes Worldwide
Icon	None Left Right
Formatting	
Value	Prefix: [] Pattern: []
Percentage Pattern	Default
Ratio Pattern	Default

You can change the font size and color here

Note the {value} and {reference} variables that we set up on the Data tab

Format the way numbers appear. For example, when you turn Prefix on the numbers change to 1.727 K

7. Indicators

11 Go to the General tab

13 Change the Text and Background Colors

14 Slide to the left to hide the Last Update Text

15 Click Done

General Options

Name: Earthquake Counts

Title: [Edit]

Description: [Edit]

Text Color: []

Background Color: []

Last Update Text: []

No Data: []

Label: [Edit]

Show Title: []

Show Description: []

Callout 12: Call this element "Earth Counts". This will help us later on when we add action

Callout 13: Change the Text and Background Colors

Callout 14: Slide to the left to hide the Last Update Text

Preview: This is where the title would go
Earthquakes in the USA
1,727
2,287 Earthquakes Worldwide
This is where you can add a detailed description

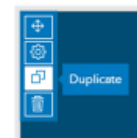
7. Indicators

Part 2:
Adding
Elements

16 Let's create the second indicator using a copy of the first one. Hover in the top-right corner of the indicator you just made and choose Duplicate

17 Hover in the corner of the new indicator and click Configure

18 Click on the [] to remove the filter



Value Type

Statistic: [] Feature: []

Value Field: depth

Count

Average

Minimum

Maximum

Sum

Standard deviation

For demo purpose I am only including earthquakes with a 4.4 mag

Notice the stacking

64.12

7. Indicators

19 Set the filter to only show earthquakes less than 72 (3 days) old

20 Click on Statistic. Then choose the Average Magnitude

21 For the reference pick a Statistic

22 Set this filter the same way as you did for the {Value}

23 Pick Count

The image shows two panels from a software interface. The left panel is titled 'Data Options' and has tabs for 'Data', 'Indicator', and 'General'. The 'General' tab is active, showing a 'Value' section with a 'Filter' dropdown set to 'less than' and a 'Value' field set to '72'. Below this is a 'Value Type' section with 'Statistic' selected and 'Average' chosen from a dropdown. The right panel is titled 'Reference' and also has 'Data', 'Indicator', and 'General' tabs. The 'General' tab is active, showing a 'Reference Type' dropdown set to 'Statistic'. Below this is a 'Filter' section with 'less than' and '72'. At the bottom, a 'Statistic' dropdown is set to 'Count'.

7. Indicators

24 Click on the A to change the font size for top, middle and bottom text to one size smaller

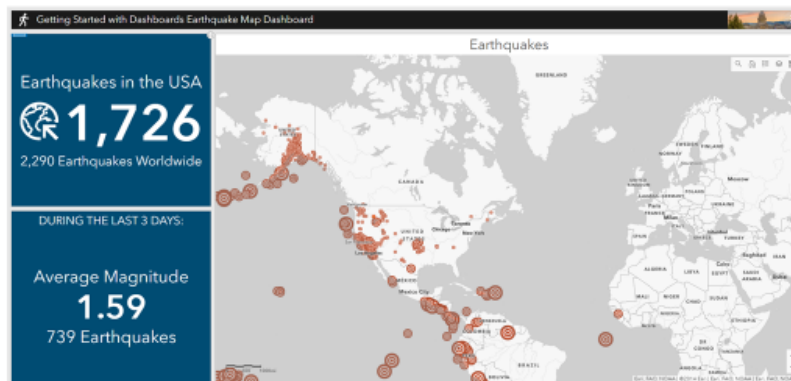
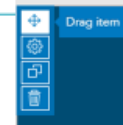
25 Format the indicator texts as shown

26 Add a Name and Title on the General tab. Click Done

The image shows two panels from a software interface. The left panel is titled 'General Options' and has tabs for 'Data', 'Indicator', and 'General'. The 'General' tab is active, showing a 'Name' field set to 'Three Day Stats' and a 'Title' field. Below these is a rich text editor with a toolbar and the text 'DURING THE LAST 3 DAYS:'. The right panel is titled 'Indicator Options' and has tabs for 'Data', 'Indicator', and 'General'. The 'General' tab is active, showing a 'Conditional Formatting' toggle. Below this are three text input fields: 'Top Text' (set to 'Average Magnitude'), 'Middle Text' (set to '{value}'), and 'Bottom Text' (set to '{reference} Earthquakes'). Each field has a font size selector (A) and a 'Fields' dropdown.

7. Indicators

- 27 Hover in the top-left of an indicator and click on Drag item. Position the indicators above one another. Save your dashboard.



8. Gauges

- 1 We will create a gauge that shows the percentage of earthquakes in the US that are in Idaho. Click on the + and then on Gauge

Data

Gauge

General

Data Options

Show data table

Value

Layer: Recent Earthquakes - Events by Magnitude

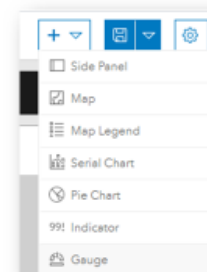
Change

Filter

Location string

contains

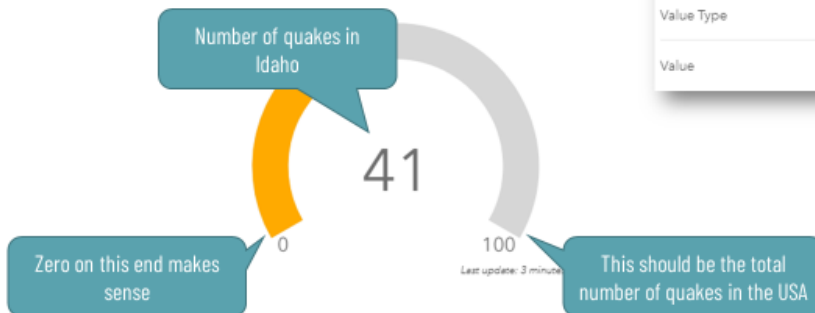
Idaho



- 2 Use the Recent Earthquakes - Events by Magnitude layer and put in a filter to only count quakes in Idaho

8. Gauges

- 3 Set the Value to Statistic > Count since we want to compare the number of quakes in Idaho to the number in the entire USA



Value Type: ☒ Statistic ☐ Feature

Statistic:

Value Conversion: ☐

Minimum Value

Value Type: ☒ Fixed Value ☐ Statistic

Value:

8. Gauges

- 4 Set the Maximum Value to a Statistic > Count. Add a filter to only display earthquakes in the USA



Maximum Value

Value Type: ☐ Fixed Value ☒ Statistic

Layer: Recent Earthquakes - Events by Magnitude

Filter

Location:

contains

USA

Statistic:

8. Gauges

- 5 Experiment with the Style (Progress/ Meter) and Shape (Circle/ Horseshoe/ Half Donut)
- 6 Display the Value as a percentage
- 7 Change the Percentage Pattern to `##.##%` (not what this does)
- 8 Change the Text, Band and Band Background colors

The screenshot shows the 'Gauge Options' dialog box with the 'General' tab selected. The 'Style' is set to 'Progress' and the 'Shape' is set to 'Circle'. The 'Value' section is expanded, showing 'As Percentage' is checked, 'Percentage Pattern' is set to '#.##%', and 'Text' is set to a dark blue color. The 'Band' is also set to a dark blue color. There is a '+ Threshold' button and a 'Band Background' section with a light gray color swatch.

8. Gauges

- 9 On the general tab give the gauge a name, add a title and remove the Last Update Text

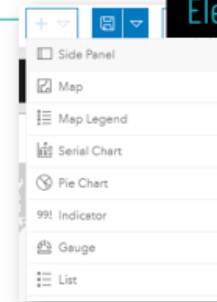
Challenge! Add another gauge that shows the percentage of earthquakes in the world that occur in the USA

- 10 On the general tab give the gauge a name, add a title and remove the Last Update Text

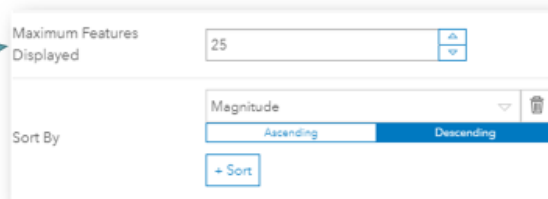
The screenshot shows the 'Gauge Options' dialog box with the 'General' tab selected. The 'Name' is 'Idaho vs USA Gauge'. The 'Title' is 'Percent of Earthquakes in the USA that Occur in Idaho'. The 'Description' is 'div h3 span'. The 'Text Color' is set to a dark blue color. The 'Background Color' is set to a light gray color. The 'Last Update Text' is unchecked.

9. Lists

- 1 Click on the + and add a List to your Dashboard
- 2 Again, pick Recent Earthquakes – Events by Magnitude as the data layer
- 3 On the Data tab click on Sort and sort by Magnitude in descending order

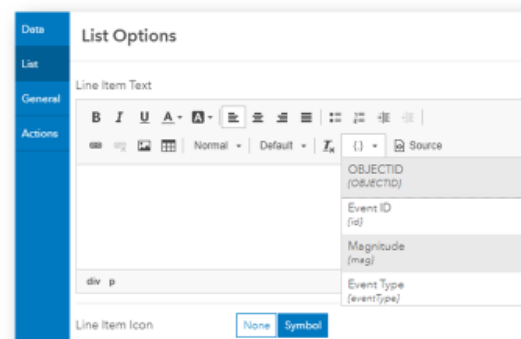
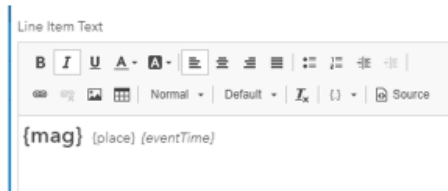


This setting means that it will only show the 25 strongest Earthquakes. You can increase this number, but I have found that once you get past 100-200 it really impacts the performance of the dashboard



9. Lists

- 4 Go to the List tab. This is where you set what is shown in a list.
- 5 The {} button shown in the right allows you to build the content of your list. Build a statement as shown below. Use the B and I buttons to bold the magnitude and italicize the event time. Click on Default to change the font sizes to your liking

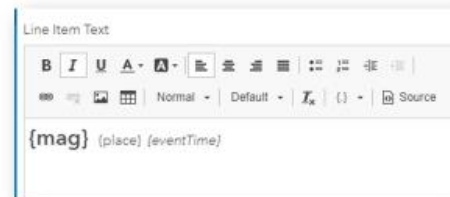


- 6 Click Done and then Save your Dashboard. Let's go down a little rabbit hole...

9. Lists – Rabbit Hole

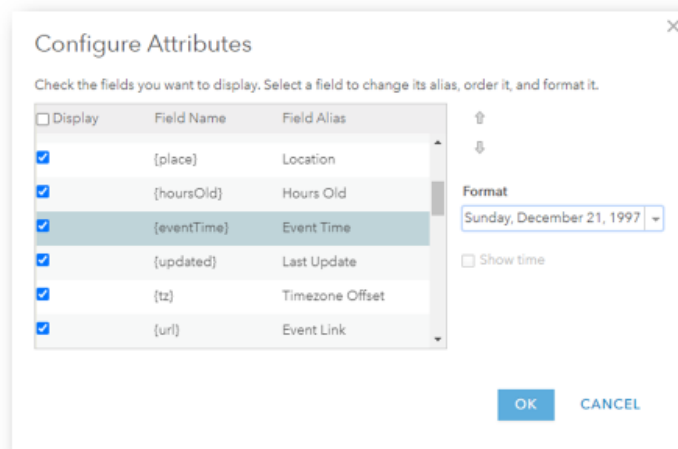


- A What if we wanted to show the Event Time in a format other than `1/23/2021, 4:36 PM` ?
- B Save your dashboard but leave the page open.
- C In the top-left corner of the dashboard click on Home > Content > Open link in new tab
- D Open your Getting Started with Dashboards Earthquake web map in the Map Viewer
- E Click on the ... for the Recent Earthquakes – Events by Magnitude layer and click on Configure Pop-Ups



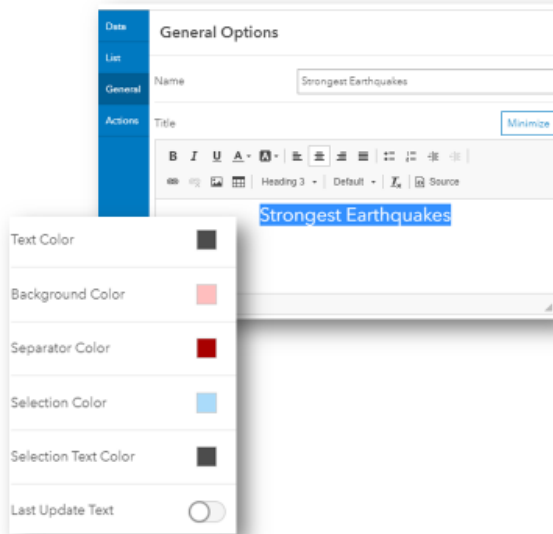
9. Lists – Rabbit Hole

- F Click on [Configure Attributes](#)
- G Scroll down to `{eventTime}` and click the drop-down next to format to pick the format you like
- H Click OK, OK again and then save your map
- I Go back to your dashboard and refresh the page in the browser



9. Lists – back out of the rabbit hole

- 6 Hover in the top-left corner of the list and click on Configure
- 7 On the General tab give your list element a name, add a title (using Heading 3 and center in the middle of the page).
- 8 Change the background and separator colors. Remove the "Last Update Text"
- 9 Click Done. Move the list to the right hand side of the map



9. Lists

Challenge! Add another list showing the 50 most recent Earthquakes
(Hint: Duplicate your Strongest Earthquakes list and work from there)


Which attribute should you use to sort the data? Ascending or Descending?

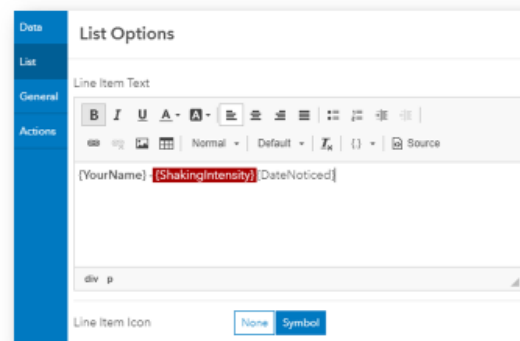
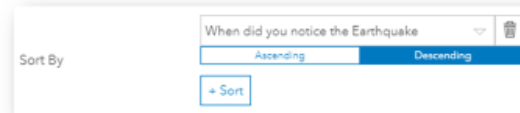
Part 2:
Adding
Elements

Recent Earthquakes

- 1.3 4km NW of The Geysers, CA, USA - 0 hours ago
- 0.9 4km NW of The Geysers, CA, USA - 0 hours ago
- 2 4km NW of The Geysers, CA, USA - 0 hours ago
- 2.2 4km NW of The Geysers, CA, USA - 0 hours ago
- 0.6 4km NW of The Geysers, CA, USA - 0 hours ago
- 0.6 4km NW of The Geysers, CA, USA - 0 hours ago
- 1.1 21km ESE of Anza, CA, USA - 0 hours ago
- 1.4 55 km NW of Ninilchik, Alaska, USA - 0 hours ago
- 1.6 24 km W of McKinley Park, Alaska, USA - 0 hours ago
- 1.8 3 km NW of Pāhala, Hawaii, USA - 0 hours ago
- 2.1 10 km E of Pāhala, Hawaii, USA - 0 hours ago
- 2 10km WSW of Lake Hughes, CA, USA - 0 hours ago

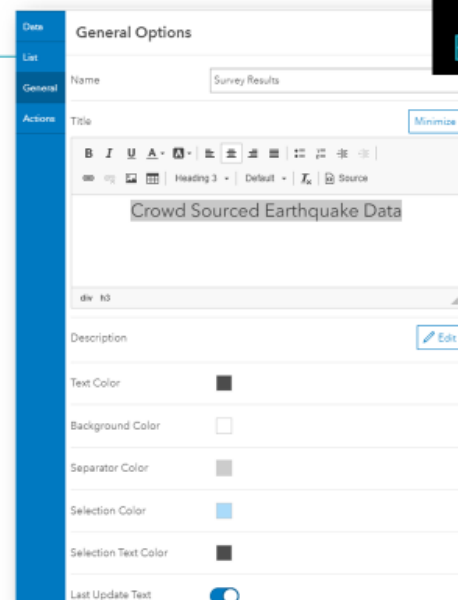
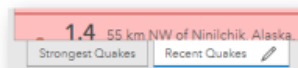
9. Lists

- 10 Add another list element to your dashboard
- 11 Choose Survey Results as your data layer.
- 12 To display the most recent surveys on top sort by "When did you notice the Earthquake?" and sort in descending order
- 13 Format the items in the list on the List tab as shown on the right. To change the font background and text color use the  buttons



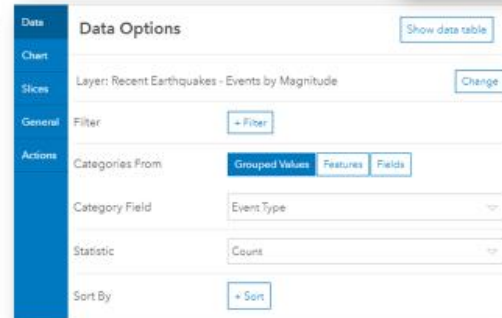
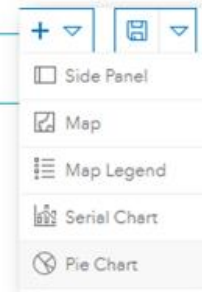
9. Lists

- 14 On the General tab name your survey and set your title. Uncheck the "Last Update Text"
- 15 Click Done and re-arrange your dashboard
- 16 To save space let's stack the Recent and Strongest Earthquakes. Grab one of the lists and place it on top of the other one
- 17 Edit the tabs on the bottom of the list to name them:



10. Pie Charts

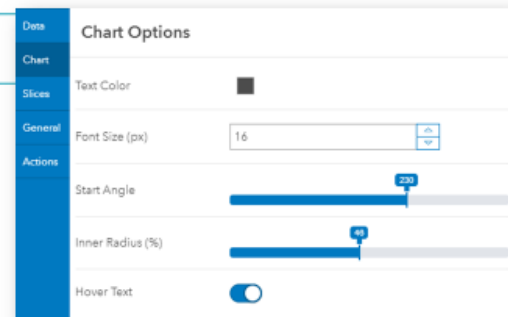
- 1 Click on the + and add a Pie Chart
- 2 Select the Recent Earthquakes - Events by Magnitude
- 3 Select Grouped Values, set the Category field to Event Type and the Statistic to Count



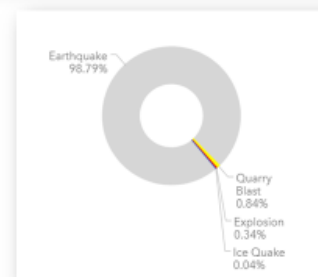
Part 2:
Adding
Elements

10. Pie Charts

- 4 On the Chart Tab increase the Font size and play around with the Start Angle and Inner Radius
- 5 Scroll down and under "Labels" click on **Percentage**
- 6 Click on the Slices tab and select some bright colors for the smaller categories. A little lower down increase the outline to 0.5

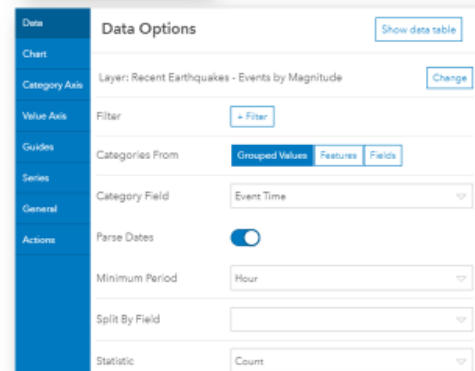
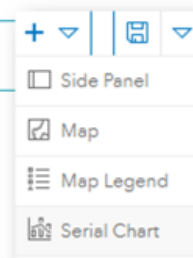


Category	Color	Label
earthquake		Earthquake
quarry blast		Quarry Blast
explosion		Explosion
ice quake		Ice Quake



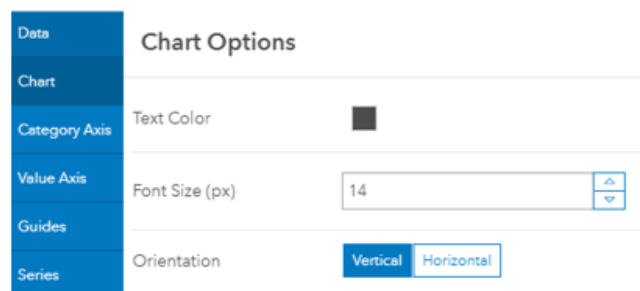
11. Serial Charts

- 1 Click on + and then choose Serial Chart
- 2 Pick the Recent Earthquakes - Events by Magnitude
- 3 Choose grouped values. Pick the Event Time as the Category (on the x-Axis).
- 4 Check "Parse Dates", Set the Minimum period to Hour and choose Count as the Statistic. This setting will show number of earthquakes per day over time.



11. Serial Charts

- 5 On the Chart tab increase the font size to 14



11. Serial Charts

- 5 On the Chart tab increase the font size to 14

Data	Chart Options	
Chart		
Category Axis	Text Color	<input type="color" value="#000000"/>
Value Axis	Font Size (px)	<input type="text" value="14"/>
Guides		
Series	Orientation	<input checked="" type="button" value="Vertical"/> <input type="button" value="Horizontal"/>

11. Serial Charts

- 6 On the Category Axis Tab add a Title ("Date"), enable the Scrollbar
- 7 Set the placement of the labels to Rotated

Data	Category Axis	
Chart		
Category Axis	Title	<input type="text" value="Date"/>
Value Axis	Title Size (px)	<input type="text" value="Default"/>
Guides	Scrollbar	<input checked="" type="checkbox"/>
Series		
General	Periods Labeling	
Actions	Period	Pattern
	Hour	<input type="text" value="HH:mm"/>
	Day	<input type="text" value="MMM d"/>
	Month	<input type="text" value="MMM"/>
	Year	<input type="text" value="YYYY"/>
	Labels	
	Visibility	<input checked="" type="checkbox"/>
	Size (px)	<input type="text" value="Default"/>
	Placement	<input type="button" value="Default"/> <input type="button" value="Staggered"/> <input checked="" type="button" value="Rotated"/> <input type="button" value="Wrapped"/>

11. Serial Charts

- 8 On the Value Axis tab set the Title to "Number of Quakes per Hour"

Data	Value Axis
Chart	
Category Axis	Title <input type="text" value="Number of quakes"/>
Value Axis	Orientation Up Down

The Guide tab allows you set highlight part of your chart. For example, in the Chart below the guide is set between 5 and 15 quakes per hour



11. Serial Charts

- 9 On the Series Tab keep the type as Bar, but change the color to a color you like

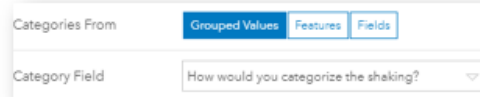
Data	General Options
Chart	
Category Axis	Name <input type="text" value="Quakes per Hour"/>
Value Axis	Title <input type="text" value="Number of quakes"/> Edit
Guides	Description <input type="text" value=""/> Edit
Series	
General	Text Color <input type="color" value="#000000"/>
Actions	Background Color <input type="color" value="#FFFFFF"/>
	Last Update Text <input type="checkbox"/>

Data	Series Options
Chart	
Category Axis	Type Bar Line Smoothed Line
Value Axis	Fill Opacity <input type="range" value="100"/>
Guides	Line Opacity <input type="range" value="100"/>
Series	Line Thickness <input type="range" value="1"/>
General	Hover Text <input type="checkbox"/>
Actions	Labels <input type="checkbox"/>
	Color <input type="color" value="#0070C0"/>

- 10 On the General tab change the Name of the dashboard item to "Quakes per Hour" and uncheck the Last Update Text

11. Serial Charts

- 11 Click + and add another Chart
- 12 Pick the Survey Results as the Data Layer
- 13 Select Grouped Values and use the "How would you Categorize the Shaking" as your category field
- 14 On the Chart Tab: increase font size to 14. Change orientation to Horizontal
- 15 On the Value Tab: Check Integers Only
- 16 On Series Tab: Click **By Category**
- 17 On General Tab: Change the name to "Categorize Shaking Chart" and uncheck the last Update Text
- 18 Click Done and save your Dashboard

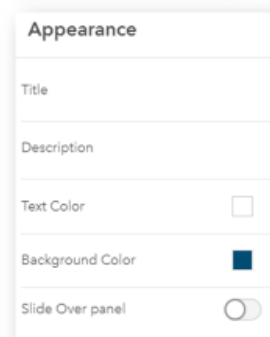
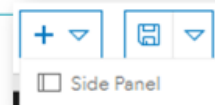
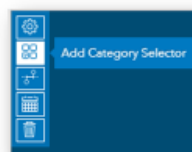


12. Add a Side Bar

- 1 Click + and choose Side Panel. This is where we set up our selectors
- 2 Pick a Text and Background color you like and then click Done
- 3 Hover in the top-left corner of the side panel and choose Add Category Selector

We will allow users to select by:

- Event Type
- Whether there was a Tsunami Warning
- Magnitude Range
- Date Range



12. Add a Side Bar

- 4 Pick Recent Earthquakes – Events by Magnitude as the data layer
- 5 Choose Categories to Grouped Values, and set the Category Field to Event Type

- Event Type
- Whether there was a Tsunami Warning
- Magnitude Range
- Date Range

Part 3:
Adding
Action

Selector Options Show data table

Data

Categories From: Defined Values Features Grouped Values

Layer: Recent Earthquakes - Events by Magnitude Change

Filter: + Filter

Category Field: Event Type

12. Add a Side Bar

6 Set the Maximum Categories – length of the drop-down list – to 5.

7 Sort Ascending by Event Type

8 Add a Label

9 Allow users to select one or more

10 Slide the None Option

11 Add a label for the None option

Maximum Categories: 5

Sort By: Event Type Ascending Descending + Sort

Selector

Label: Type of Event:

Selection: Single Multiple

Operator: include

Preferred Display Type: Dropdown

Display Type Threshold: 10

None Option: ☒

Label for None: Include All Event Types

Visualizations

Donut Chart

Event Type	Percentage
Earthquake	98.79%
Quarry Blast	0.84%
Explosion	0.34%
Ice Quake	0.04%

Side Bar

Type of Event:

Include All Event Types

12. Add a Side Bar

- Event Type
- Whether there was a Tsunami Warning
- Magnitude Range
- Date Range

- 12 Hover again in the top-left corner of the sidebar and add another Category Selector
- 13 Pick again the Recent Earthquakes – Events by Magnitude layer and pick the tsunami Category Field
- 14 The number 1 means there is a warning. Click Load Categories and type in the Label “Tsunami Warning Issued”



Data

Categories From: Defined Values Features Grouped Values

Layer: Recent Earthquakes - Events by Magnitude Change

Filter: + Filter

Category Field: tsunami

Category: 1 Label: Tsunami Warning Issued +

+ Override Load Categories

Part 3: Adding Action

12. Add a Side Bar

Maximum Categories: 2

Sort By: tsunami Ascending Descending + Sort

Selector

Label: Select whether a Tsunami Warning was issued

Selection: Single Multiple

Operator: equal

Preferred Display Type: Dropdown

Display Type Threshold: 2

None Option: ☒

Placement: First Last

Label for None: Include all Quakes

15 Set the number of Categories to 2

16 Add a label

17 Pick Single

18 Check the None option

19 Add a label for the None option

Select whether a Tsunami Warning was issued

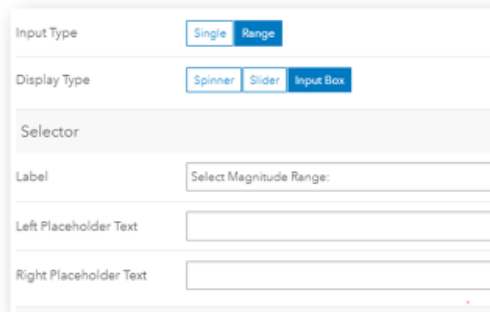
Include all Quakes

12. Add a Side Bar

20 Add another selector. This time pick a number selector

21 Use figure below to configure the Selector

- Event Type
- Whether there was a Tsunami Warning
- **Magnitude Range**
- Date Range



The image shows a configuration window for a 'Selector'. It has two tabs: 'Single' and 'Range', with 'Range' selected. Below the tabs are three options: 'Spinner', 'Slider', and 'Input Box', with 'Input Box' selected. The main area is labeled 'Selector' and contains three text input fields: 'Label' (containing 'Select Magnitude Range:'), 'Left Placeholder Text' (empty), and 'Right Placeholder Text' (empty).



Part 3:
Adding
Action

12. Add a Side Bar

20 Add another selector. This time pick a date selector

21 Use figure below to configure the Selector

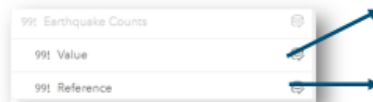
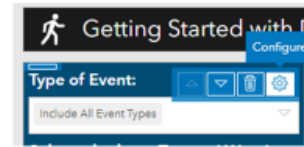
- Event Type
- Whether there was a Tsunami Warning
- Magnitude Range
- **Date Range**



Part 3:
Adding
Action

13. Activate your Selectors

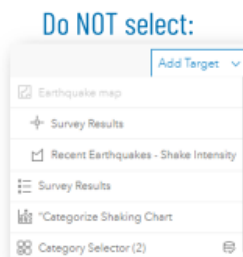
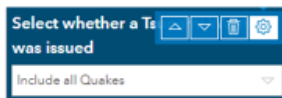
- 1 Hover over the top-right of the Event Type selector and Choose Configure
- 2 Go to the Action Tab
- 3 Click on Add Target and choose to Filter Recent Earthquakes - Events by Magnitude. This will hide all the features on the map that are *not* selected.
- 4 Click Add Target again and Choose 99! Value under Earthquake Counts. In this case it makes sense to also filter the Reference



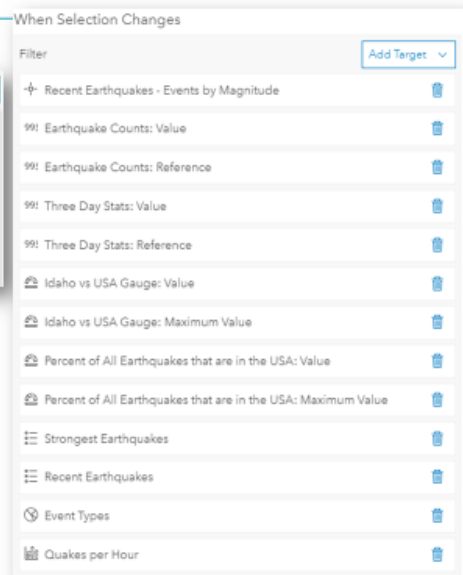
Part 3:
Adding
Action

13. Activate your Selectors

- 5 Add a filter on all the layers, except for the ones shown on the right:
- 6 Click Done and save your dashboard. Try out your new filter



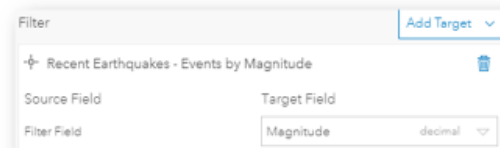
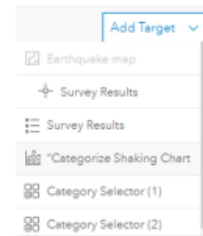
Do select:



- 7 Hover over the top-right corner of the "Tsunami Selector" and click on Configure. Go to the Actions tab.
- 8 Add a filter for the same items as you did for the Event Type selector

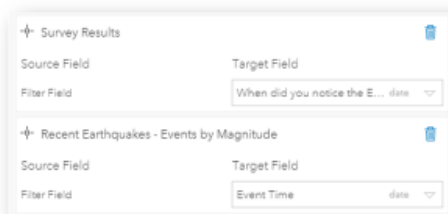
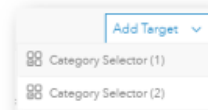
13. Activate your Selectors

- 9 Start configuring the Magnitude number selector. Go to the Actions tab
- 10 Repeatedly click on Add Target to add all elements, except for the ones on the right:
- 11 Since this time, we are not picking from a list of attributes that are not already derived from the "Recent Earthquakes - Events by Magnitude" layer, we need to specifically tell Dashboards which attribute it needs to use to compare the selector against - i.e., we need to tell it which attribute contains the magnitude values. Do this for all elements in the Filter list.
- 12 Click Done and Save your Dashboard



13. Activate your Selectors

- 13 The last selector to that needs actions specified is the Date Selector. Start the configuration and go to the Actions tab. Here we determined that we can also filter the survey results.
- 14 Add all dashboard items to the filter list, except for the items shown on the right
- 15 Match each element with either the Event Time or "When did you notice the Event?"

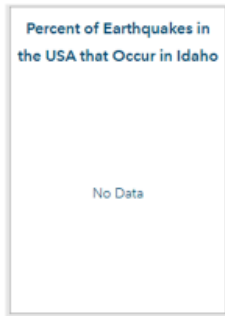


- 16 Click Done and Save your Dashboard

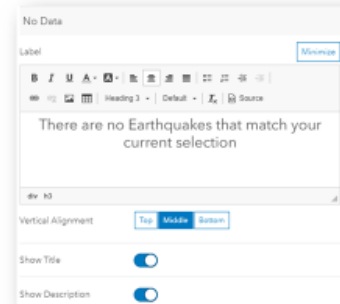
13. Activate your Selectors – Rabbit Hole



- 17 Try out your Magnitude Selector by setting the range between 7 and 10



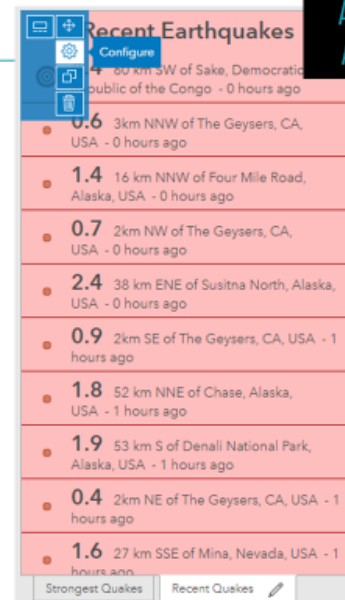
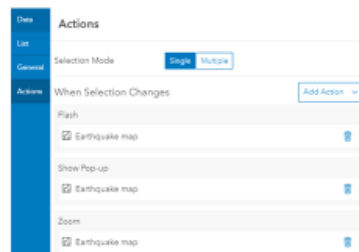
- 18 Note that several your indicator show "No Data"
- 19 Configure the dashboard item displayed on the left and go to the General tab
- 20 Enter a label as shown on the right that will appear if there is No Data
- 21 Click done, save your dashboard and try out your selectors



14. Activate your Lists

- 1 Hover over the top-left corner of the Recent Earthquakes list and choose configure.
- 2 Go to the Actions tab and configure as shown below to that every time someone click on a quake in the list it will flash and zoom on the map and the po-up for that quake will appear.

- 3 Click Done
- 4 Repeat steps with the Strongest Earthquakes list
- 5 Save your Dashboard

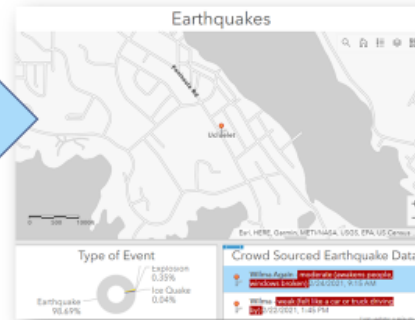


Part 3:
Adding
Action

14. Activate your Lists

- Configure the list of Survey Results and configure those to Zoom and Flash on the map when someone selects a survey

It does seem like the map zooms in so tight it is hard to know where in the world you are

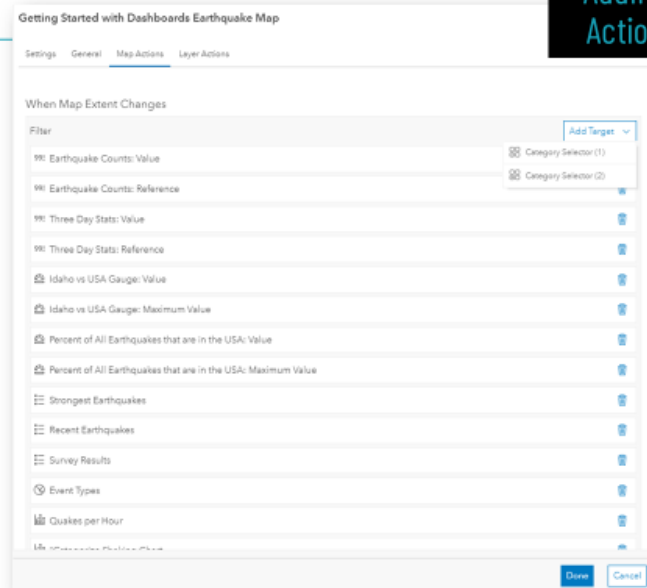


- Hover over the top-left of your map and click on Configure. On the settings tab change the Point Zoom Scale to 1,000,000. Click Done and select another survey to test the new zoom scale

Point Zoom Scale 1000000

15. Activate your Map

- Start configuring your map item again and go to the map actions tab.
- Add all items as a target, except for the two category selectors
- Click Done, save your Dashboard and test your map
- Note that you are now simultaneously selecting through the selectors in the sidebar and through the map. So, for example if you are interested in world-wide numbers then make sure to zoom out to the whole world



Check out all the classes and their descriptions [here](#)